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## ***Skill Procedures:***

### ***Nebulized Albuterol Administration***

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#### ***I. Usage***

1. This protocol describes how to administer albuterol by means of an oxygen nebulizer.

#### ***II. Procedural Protocols***

1. Assemble equipment.
2. Check medication (2.5mg albuterol in 3cc normal saline) and empty into nebulizer chamber.
3. Attach tubing to an oxygen outlet flowing at 10 liters per minute.
4. Administer solution by having patient put lips around mouth piece and breath deeply. For children unable to comply, hold mouth piece near nose and mouth.



- A. For patient's who have difficulty using the mouthpiece, it is permissible to attach the nebulizer to a simple face mask.
  - i. Monitor patient closely during the nebulizer treatment.
  - ii. Increase oxygen flow upon completion of treatment if face mask is still utilized.



5. Monitor patients vital signs and lung sounds. Contact On Line Medical Control if:
  - A. Pulse rate increases by 30 or more beats per minute.
  - B. Patient develops PVC's (or ventricular ectopy increases).
  - C. Respiratory distress increases.
6. Monitor and report patient's response to medication.
7. Record medication given, dose, amount and time on the Patient Care Report.

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